

Monday 10 June 2019 - PACS day

Time							Exhibition theatre 1	Exhibition theatre 2 & FRCR sessions room 24	Demo Zone	Ultrasound	Time
08:00-09:00	Registration										
09:00	Exhibition opens										
09:10	Plenary 1: Is life quantum mechanical? The birth of quantum biology - Professor Jim Al-Khalili, Professor of Theoretical Physics, University of Surrey and Scientist, Author and Broadcaster HALL 1A										09:00
09:20											09:10
09:30											09:20
09:40											09:30
09:50											09:40
10:00	Refreshments, exhibition, posters and education on the stands						Bayer Hepatobiliary surgery EXHIBITION THEATRE 1				09:50
10:10											10:00
10:20											10:10
10:30											10:20
10:40											10:30
10:50	A1 Radiotherapy and oncology Fear of cancer recurrent and use of digital comms ROOM 3A	A2 MSK Sports imaging ROOM 3B	A3 GI & Hep Liver MRI refresher HALL 1C	A4 Paediatrics The spectrum of paediatric radiology HALL 1B	A5 Breast Personalised breast pathways ROOM 12	A6 RPS DEXA not just osteoporosis ROOM 4	A7 Informatics EPR ROOM 11 B/C			A8 MSK Ultrasound Upper EXHIBITION HALL	10:40
11:00											10:50
11:10											11:00
11:20											11:10
11:30											11:20
11:40											11:30
11:50	B1 Radiotherapy and oncology LGBT HALL 1C	B2 Imaging technologies Distributed learning from big data ROOM 3B	B3 Neurology Brain imaging HALL 1A	B4 Paediatrics Growth and evolution HALL 1B	B5 Breast Workforce needs humans ROOM 12	B6 Education and workforce Technology ROOM 3A	B7 Proffered papers GI & GU ROOM 4	B8 MR LINAC EXHIBITION THEATRE 1		B9 MSK Ultrasound Upper EXHIBITION HALL	11:40
12:00											11:50
12:10											12:00
12:20											12:10
12:30											12:20
12:40	Lunch, exhibition, posters and education on the stands										12:30
12:50											12:40
13:00	BIR Canon Mayneord lecture Advanced computer analysis in oncologic imaging - a necessity or a hype? Professor Mathias Prokop, Head of Radiology and Nuclear Medicine, Radboud University Nijmegen HALL 1C			SCoR William Stripp lecture Imaging the paediatric spine: Introducing new technology - is it worth it? Katy Budhan-Mills, General Superintendent Radiographer, Great Ormond Street Hospital for Children NHS Foundation Trust HALL 1B							12:50
13:10											13:00
13:20											13:10
13:30											13:20
13:40											13:30
13:50											13:40
14:00											13:50
14:10	C1 Radiotherapy and oncology Algorithmic developments ROOM 3A	C2 MSK Hip ROOM 3B	C3 GI & Hep Tract tumour staging HALL 1C	C4 Neurology OsiriX ROOM 11A	C5 Paediatrics Imaging of the under-ones HALL 1B	C6 Service optimisation Hot topics - partnership working HALL 1A	C7 Proffered papers Justification and optimisation ROOM 4			C8 Breast Biopsy workshop EXHIBITION HALL	14:00
14:20											14:10
14:30											14:20
14:40											14:30
14:50											14:40
15:00	Refreshments, exhibition, posters and education on the stands						GenesisCare EXHIBITION THEATRE 1				14:50
15:10											15:00
15:20											15:10
15:30											15:20
15:40											15:30
15:50	D1 Radiotherapy and oncology State of the art imaging ROOM 3A	D2 Emergency and trauma Trauma imaging ROOM 3B	D3 GI & Hep Rectal cancer MDT ROOM 11 B/C	D4 Neurology CNS tumours and mimics INTERACTIVE HALL 1B	D5 Service optimisation Leadership HALL 1C	D6 Paediatrics Building a paediatric radiology service ROOM 4	D7 Informatics PACs UnPACKed 1 EXHIBITION THEATRE 1			D8 MSK Ultrasound Upper EXHIBITION HALL	15:40
16:00											15:50
16:10											16:00
16:20											16:10
16:30											16:20
16:40											16:30
16:50											16:40
17:00	E1 Radiotherapy and oncology Drug combination therapy ROOM 3A	E2 Emergency and trauma Trauma cases ROOM 3B								E5 Proffered papers History EXHIBITION THEATRE 2	16:50
17:10											17:00
17:20											17:10
17:30											17:20
17:40											17:30
17:45-19:00	Welcome wine reception in the exhibition, UKIO chorus										17:40
19:45-late	President's dinner and Curry and quiz night										

CONGRESS PROGRAMME

Morning plenary

09:00-09:50

Plenary 1

Hall 1A



President's welcome

Dr Julian Kabala, President, UKIO

Is life quantum mechanical? The birth of quantum biology

Professor Jim Al-Khalili, Professor of Theoretical Physics, University of Surrey and Scientist, Author and Broadcaster

Chair: Dr Julian Kabala, President, UKIO

09:50-10:35

Refreshments, exhibition, posters and education on the stands

**Exhibition
hall theatre**
10:00-11:00

Exhibition
Theatre 1

Bayer

Hepatobiliary surgery – recent trends and what information does the surgeon need from imaging prior to surgical planning - Dr Ashok Katti, Consultant Radiologist, University Hospital Aintree NHS Trust

Morning sessions A

10:35-11:35

A1

Radiotherapy and
oncology

Room 3A

Fear of cancer recurrence and the use of digital communications in a clinical environment

Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre
Forecast 2: Fear of cancer recurrence and the development of a communication skills training package for therapeutic radiographers - Josie Cameron, Breast Advanced Practitioner, Edinburgh Cancer Centre

The use of OWise, a patient support app in a clinical environment - Dr Anne Bruinvels, Founder, Px HealthCare

A2

MSK

Room 3B

Sports imaging

Chair: Dr Rajat Chowdhury, Consultant Musculoskeletal Radiologist, Nuffield Orthopaedic Centre, Oxford University Hospitals NHS Foundation Trust

'Factfulness' of MSK radiology for sports and exercise medicine physicians - Dr George Bownes, Consultant in Sport and Exercise Medicine, English Institute of Sport and National Sports Centre

What is stressful about stress fractures? - Dr Rowena Johnson, Consultant Musculoskeletal Radiologist, Nuffield Orthopaedic Centre, Oxford University Hospitals NHS Foundation Trust

Sports injuries of the pars interarticularis - Dr Richard Fawcett, MSK Radiologist, Leeds Teaching Hospitals NHS Trust

Tendon and muscle injury - the premier league and beyond - Dr Gagan Rajeswaran, MSK Radiologist, Fortius Clinic London

A3

GI and hep

Hall 1C

Liver MRI refresher

Chair: Dr James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust

Malignant lesions and LIRADs - Dr Joe Mullineux, Consultant Radiologist, University Hospitals of Leicester NHS Trust

Primovist and its pitfalls - Dr Jaymin Patel, Consultant GI Radiologist, St George's University Hospital NHS Foundation Trust

A4

Paediatrics

Hall 1B

The spectrum of paediatric radiology

Chair: Dr Samantha Negus, Consultant Paediatric Radiologist, Surrey and Sussex Healthcare NHS Trust

CT based finite element models to ascertain MOI in suspected abuse - Dr Amaka Offiah, Reader, Paediatric Musculoskeletal Imaging and Honorary Consultant, University of Sheffield & Sheffield Children's NHS Foundation Trust

100,000 genome project and paediatric cancer - Dr Helen Hanson, Joint Lead Consultant for Cancer Genetics, Southwest Thames Regional Genetics Service, St George's Hospital

Cystic Fibrosis - why are children and adults surviving longer - Professor Kevin Webb, Professor of Respiratory Medicine, Manchester University NHS Foundation Trust

A5

Breast

Room 12

Personalised breast pathways

Chair: Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust

Risk assessment in breast screening - Professor Anthony Howell, Professor of Medical Oncology, Nightingale Breast Screening Centre, Manchester University NHS Foundation Trust

Higher risk screening with MRI through the NHSBSP - Dr Barbara Dall, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust

B3 lesion guidance - Dr Nisha Sharma, Director of Breast Screening, Leeds Teaching Hospitals NHS Trust

A6

RPS

Room 4

RPS DEXA – not just osteoporosis

Chair: Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA

The radiation protection of patients and staff in DEXA scanning - Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA

The use of DEXA for non-medical imaging - Dr Colin Martin, Honorary Senior Lecturer, University of Glasgow

Discussion

A7

Informatics

Room 11B/C

EPR

Chair: Dr Rizwan Malik, Consultant Radiologist, Bolton NHS Foundation Trust

What to look for in an EPR - Madeleine Szekely, Operational Business Manager Radiology, Royal Bolton NHS Foundation Trust

Integration of imaging workflows with the EPR - Dr Rhidian Bramley, Consultant Radiologist, Chief Clinical Information Officer and Associate Medical Director, The Christie NHS Foundation Trust

So you've got an EPR – how to get the best out of it - Professor Rachel Dunscombe, Advisory Board Member, KLAS

A8

Ultrasound

Exhibition
Hall

MSK - upper

Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust

Hands-on demonstration sessions with live models in the exhibition hall.

WELCOME &
ACKNOWLEDGEMENTS

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CONGRESS PROGRAMME

Morning sessions B

11:40-12:40

B1

Radiotherapy and oncology

Hall 1C

What do we need to understand - what are the additional considerations we need to have when providing radiotherapy for LGBT+ individuals?

Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre

Evaluating the perceptions of the transgender and non-binary communities on pelvic radiotherapy information booklets - Hannah Burton, Senior Therapy Radiographer, University of Liverpool

Understanding the needs of gay and bisexual men and trans women with prostate cancer - Sean Ralph, On Treatment Review Advanced Practitioner, The Clatterbridge Cancer Centre NHS Foundation Trust and Co-founder, Out with Prostate Cancer

The distinctiveness of LGB people affected by cancer - a participatory research study in Scotland - Gareth Hill, Head of Therapeutic Radiography NHS Tayside and PhD Candidate, Queen Margaret University

B2

Imaging technologies

Room 3B

Machine learning in radiotherapy

Chair: Dr Heather Williams, Principal Medical Physicist, The Christie NHS Foundation Trust

Learning from each patient treated - Dr Alan McWilliam, Lecturer Radiotherapy Physics, University of Manchester

Clinical application of big data research - Dr Gareth Price, Principal Clinical Scientist, University of Manchester, Manchester Cancer Research Centre, The Christie NHS Foundation Trust

Applying AI to big data from medical imaging and radiotherapy - Dr Andrew Green, Research Fellow, University of Manchester

B3

Neurology

Hall 1A

Brain imaging

Chair: Dr Anant Krishnan, Consultant Neuroradiologist, Barts Health NHS Trust

Approach to white matter disorders in adults - Dr Tilak Das, Consultant Neuroradiologist, Cambridge University Hospitals NHS Foundation Trust

Approach to dementia imaging - Dr Naomi Sibtain, Consultant Diagnostic Neuroradiologist and Clinical Lead of Neuroradiology, King's College Hospital NHS Foundation Trust

B4

Paediatrics

Hall 1B

Growth and evolution

Chair: Dr Rui Santos, Consultant Paediatric Radiologist, Evelina London Children's Hospital

Happily diverse - paediatric ultrasound 2-12 years - Morag Green, Paediatric Sonographer, Royal Hospital for Sick Children, Edinburgh

Kidadults: Not adults and not children - supporting a specific group - Dr Rob Hawkes, Consultant Paediatric Radiologist, Royal Manchester Children's Hospital

NHS proton therapy for paediatrics - Hazel Pennington, Operational Lead for Proton Therapy, The Christie NHS Foundation Trust

B5

Breast

Room 12

Workforce needs humans

Chair: Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust

Mammographer apprenticeships and evolving strategies - Claire Borrelli, Head of Education and Clinical Training, St George's National Breast Education Centre and Radiographic Advisor to the NHSBSP/Public Health England

Role and scope of practice of the Consultant Breast Radiographer - Zebby Rees, Consultant Breast Radiographer, Hywel Dda Health Board, West Wales

Breast Clinician Credential pilot - Dr Liz Edwards, Associate Specialist Breast Clinician, Association of Breast Clinicians / Breast Test Wales

Breast radiology fellowships - Dr Soujanya Gadde, Consultant Breast Radiologist, University Hospital of South Manchester NHS Foundation Trust

B6

Education and workforce

Room 3A

Technology

Chair: Dr Jane Young, Head of School, London School of Radiology and Consultant Radiology, Whittington Hospital

Remote learning in radiology - current and future directions - Dr Peter de Souza, Radiology Registrar, NHS England Clinical Entrepreneur, Founder of AnatomyZone & Lexio.io

Preparing the health and care workforce for a digital future - Richard Price, Learning Technologies Advisor

Image interpretation e-learning for healthcare - what's new and what's coming next? - Lyndsey Callion, Project Manager & Lead Instructional Designer, e-Learning for Healthcare

B7

Proffered papers

Room 4

GI & GU

Chair: Dr James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust

Renal oncocytoma: Can we diagnose them on pre-op CT? - Dr John Spillane, Radiology Registrar, North Bristol Trust

It is time to think inside the (collimation) box - a quality improvement project to reduce over-scanning in CT KUB - Dr Matthew Spurr, Radiology ST2, Southmead Hospital






MR Enterography: A comparison between Moviprep and Mannitol and Locust bean gum - Yee Mei Koay, Manchester University NHS Foundation Trust

The efficacy of CT MRI and FDG-PET/CT for target volume delineation in radiotherapy treatment planning of colorectal cancer: A systematic review - Elizabeth Olanloye, Therapeutic Radiographer, University of Hertfordshire / University College Hospital Nigeria

An evaluation of a newly introduced 68 Gallium PSMA PET-CT service - Vicki Major, Lead Research Radiographer, Mount Vernon Cancer Centre

Post and pre-biopsy MPMRI for prostate cancer - audit and re-audit of a pathway - Dr Lara Jehanli, Foundation Year 1 Doctor, Southport and Ormskirk Hospital NHS Trust

CONGRESS PROGRAMME

B8 Exhibition hall theatre Exhibition Theatre 1 	MR Linac Chair: Joanne Mitchell, Principal Radiographer - Research, Edinburgh Cancer Centre Clinical implementation of MR Linac treatment - Gillian Adair Smith, Senior MR Linac Radiographer, The Royal Marsden NHS Foundation Trust Rapid introduction of on-table adaptive treatments using MR Guided Radiotherapy at a new MRIdian site - Professor Enis Özyar, MD, Chairman Radiation Oncology, Acibadem Maslak Hospital, Istanbul, Turkey
B9 Ultrasound Exhibition Hall	MSK - upper Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust Hands-on demonstration sessions with live models in the exhibition hall.
From 12:40-14:00	Lunch, exhibition, posters, demo zone and education on the stands
12:45-13:30	Society keynote lectures
Society key-note lectures Hall 1C 	BIR Canon Mayneord lecture Advanced computer analysis in oncologic imaging - a necessity or a hype? Professor Mathias Prokop, Head of Radiology and Nuclear Medicine, Radboud University Nijmegen
Society key-note lectures Hall 1B 	SCoR William Stripp lecture Imaging the paediatric spine: Introducing new technology - is it worth it? Katy Budhan-Mills, General Superintendent Radiographer, Great Ormond Street Hospital for Children NHS Foundation Trust
Demo Zone 13:00-13:15 	Rutherford Diagnostics Imaging and genomics, is there a synergy? - Tom Crocker, Senior Applied Genetic Scientist, Rutherford Diagnostics
13:00-14:00 Room 24	FRCR VIVA teaching tutorial run by experienced FRCR tutors
Demo Zone 13:30-13:45 	GE Healthcare GE Healthcare - launching High Definition imaging in X-Ray GE Healthcare showcase the latest developments in detector technology that are being rolled out across their fleet of Fixed and Mobile X-Ray systems. Improving diagnostic confidence at extraordinary low dose with Helix™ Advanced Image Processing and bringing a level of detail not normally seen on X-Ray, GE Healthcare are doing more to make the first image count.
C4 Neurology OsiriX 13:30-15:00 Room 11A	Diagnostic challenges in neuroradiology Dr Ian Craven, Consultant Neuroradiologist, Leeds Teaching Hospitals NHS Trust

Afternoon sessions C

14:00-15:00

C1 Radiotherapy and oncology Room 3A	Algorithmic developments Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy and Bill Nailon, Lead Clinical Scientist, Edinburgh Cancer Centre Techniques and algorithms for delivering smart adaptive radiotherapy - Dr David Noble, Clinical Research Fellow and Honorary Specialty Registrar, University of Cambridge
C2 MSK Room 3B	Hip arthroplasty imaging Chair: Dr Subhasis Basu, Consultant Musculoskeletal Radiologist, Wrightington, Wigan & Leigh NHS Foundation Trust Radiographic imaging evaluation following hip arthroplasty - Dr Zeid Al-Ani, Consultant Musculoskeletal Radiologist, Wrightington, Wigan & Leigh NHS Foundation Trust CT/MRI imaging in hip arthroplasty - Dr Rajat Chowdhury, Consultant Musculoskeletal Radiologist, Oxford University Hospitals NHS Foundation Trust Anterior and lateral hip pain following arthroplasty - Dr Rowena Johnson, Consultant Musculoskeletal Radiologist, Oxford University Hospitals NHS Foundation Trust The hip and pelvis MDT - the surgeon's perspective - Professor Tim Board, Consultant Hip Surgeon; Mr Henry Wynn-Jones, Consultant Trauma and Orthopaedic Surgeon; Dr David Temperley, Consultant Musculoskeletal Radiologist; Dr Shakir Syed, Consultant Musculoskeletal Radiologist, Wrightington, Wigan & Leigh NHS Foundation Trust Q&A
C3 GI and hep Hall 1C	GI tract tumour staging and TNM8 Chair: Dr Jaymin Patel, Consultant GI Radiologist, St George's University Hospitals NHS Foundation Trust Oesophago-gastric cancer - Dr Kieran Foley, Consultant Radiologist, Royal Glamorgan Hospital & Velindre Cancer Centre Pancreatic cancer - Dr Raneem Albazaz, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust Colon cancer - Dr James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust
C5 Paediatrics Hall 1B	Imaging of the under-ones Chair: Dr Mark Griffiths, Consultant Paediatric Radiologist, University Hospital Southampton NHS Foundation Trust Trauma in the under-ones - birth related, suspected physical abuse and accidental trauma under one year of age - Dr Rui Santos, Consultant Paediatric Radiologist, Evelina Children's Hospital Paediatric reporting radiographers - Myriam Jackson, Advanced Practitioner Reporting Radiographers, United Lincolnshire Hospitals NHS Trust Making the best of the micturating cystogram - Jennifer McKinstry, Superintendent Radiographer, Royal Belfast Hospital for Sick Children

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C6

**Service
optimisation**

Hall 1A



Hot topics in service improvement – partnership working

Chair: Dr Tim Taylor, Consultant Radiologist, Nottingham University Hospitals NHS Trust

The long-term plan for the NHS - what do the next 10 years hold for imaging? - Fiona Thow, Head of Imaging Services Transformation, NHS England and NHS Improvement

Improving turnaround times for image reporting - progress towards national standards - Professor Erika Denton, National Clinical Advisor for Imaging, NHS England and NHS Improvement

Working without walls - Gill Holroyd, Radiology Manager, St Helens & Knowsley Teaching Hospitals NHS Trust

Panel discussion

C7

**Proffered
papers**

Room 4

Physics - dose justification and optimisation

Chair: Matthew Dunn, Head of Radiation Physics, Nottingham University Hospital NHS Trust

Diagnostic imaging IRMER improvement notice to CQC outstanding - Emma Spouse, Imaging Lead, Royal Cornwall Hospitals NHS Trust

A retrospective review of justification of computed tomography examinations in Northern Ireland - Yvonne Sullivan, Senior Clinical Diagnostic Officer, Public Health England

Dose optimisation in facial bone OM projection with variation in AEC chamber selection and centring point: A phantom study utilising - Dr Anthony Manning-Stanley, Lecturer, University of Liverpool

Slice reduction in CT/KUB for renal colic - Dr Jonathan Adlam, Barts Health NHS Trust

Dual energy CT for assessing myeloma in MRI-incompatible patients: Preliminary phantom study and clinical implementation - Ana Pascoal, Principal Physicist, Guy's and St Thomas' NHS Foundation Trust

Ionising radiation in research - the lead clinical radiation expert - Andrea Williamson Shemilt, Clinical Scientist, Nottingham University Hospitals NHS Trust

C8

Ultrasound

Exhibition
Hall

Breast biopsy workshop

Facilitators: Dr Barbara Dall, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust; Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust; Susan Garnett, Consultant Radiographer, University Hospitals Coventry and Warwickshire NHS Trust; and Zebby Rees, Consultant Breast Radiographer, Hywel Dda Health Board, West Wales

15:00-15:40

Refreshments, exhibition, posters and education on the stands

**Exhibition
hall theatre**

15:00-15:30

Exhibition
Theatre 1

GenesisCare

WB MRI in Ca Prostate and Ca Breast in assessment of bone disease - Dr Nina Tunariu, Consultant Radiologist, The Royal Marsden NHS Foundation Trust

15:30-16:30

Room 24

FRCR VIVA teaching tutorial

run by experienced FRCR tutors

Afternoon sessions D

15:40-16:40

D1

**Radiotherapy
and oncology**

Room 3A

State of the art imaging

Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy and Bill Nailon, Lead Clinical Scientist, Edinburgh Cancer Centre

Diffusion weighted MRI as a predictive biomarker of response during radiotherapy for high and intermediate risk squamous cell cancer of the oropharynx - the MeRInO Study -

Dr Claire Paterson, Consultant Clinical Oncologist and NHS Research Fellow, Beatson West of Scotland Cancer Centre

D2

**Emergency
and trauma**

Room 3B

Trauma imaging

Chair: Dr Joanna Moser, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust

Imaging of tracheobronchial injuries - Dr Joanna Moser, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust

Current imaging concepts in bowel and mesentery trauma - Dr Jaymin Patel, Consultant GI Radiologist, St George's University Hospitals NHS Foundation Trust

Trauma interpretation - what the interventional radiologist wants to know - Dr Joo-Young Chun, Consultant Diagnostic & Interventional Radiologist, St George's University Hospitals NHS Foundation Trust

D3

GI and hep

Room 11B/C

Rectal cancer MDT - clinical conundrums (double session until 17:45)

Chair: Dr James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust and Dr Rebecca Muirhead, Consultant Radiation Oncologist, Oxford University Hospitals NHS Foundation Trust

Panel:

Dr Rachel Hyland, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust

Dr Rebecca Muirhead, Consultant Radiation Oncologist, Oxford University Hospitals NHS Foundation Trust

Ms Kirsten Boyle, Consultant Colorectal Surgeon, University Hospitals of Leicester NHS Trust

Alexandra Poole, Senior Colorectal Cancer Nurse Specialist, Oxford University Hospitals NHS Foundation Trust

D4

Neurology

Hall 1B

INTERACTIVE

CNS tumours and mimics – an interactive session (double session until 17:45)

Chair: Dr Lalani Carlton-Jones, Consultant Neuroradiologist, Guy's and St Thomas' NHS Foundation Trust

Adult brain tumours and mimics - Dr Anant Krishnan, Consultant Neuroradiologist, Barts Health NHS Trust

Paediatric brain tumours and mimics - Dr Ata Siddiqui, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust and Guys & St Thomas' Hospitals NHS Foundation Trust

Spinal cord lesions and mimics - Dr Tilak Das, Consultant Neuroradiologist, Cambridge University Hospitals NHS Foundation Trust

CONGRESS PROGRAMME

D5
Service optimisation
Hall 1C

Leadership opportunities for imaging
Chair: Professor Erika Denton, National Clinical Advisor for Imaging, NHS England
System leadership - values and behaviours for collaboration - Baroness Dido Harding, Chair, NHS Improvement (by video)
Providing clinical leadership to imaging networks - an executive's view - Cindy Fedell, Chief Digital and Information Officer, Bradford Teaching Hospitals NHS Foundation Trust
Delivering the Long Term Plan through diverse professional leadership - Dr Joanne Fillingham, Clinical Director Allied Health Professions, NHS England & NHS Improvement
Panel discussion

D6
Paediatrics
Room 4

Building a paediatric radiology service
Chair: Dr Rob Hawke, Consultant Paediatric Radiologist, Royal Manchester Children's Hospital
Space for children - Mary Pirie, Superintendent Radiographer, Royal Hospital for Children, Glasgow
Updates on networks - Dr Mark Griffiths, Consultant Paediatric Radiologist, University Hospital Southampton NHS Foundation Trust
Lessons I have learned - new regulations and the CQC - Andrea Brammer, Quality and Safety Manager, Manchester University NHS Foundation Trust

D7
Informatics
Exhibition Theatre 1

PACS UnPACKed 1
Chair: Dr Rizwan Malik, Consultant Radiologist, Bolton NHS Foundation Trust
Other ologies and integrated visualisation - Jason Barron, Sales Manager, Carestream
How to get the best out of your PACS solution - Professor Rachel Dunscombe, Advisory Board Member, KLAS
AI/Machine learning and all that advanced jazz - Kevin Shah, Head of Enterprise, Fuji

D8
Ultrasound
Exhibition Hall

MSK - lower
Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust
Hands-on demonstration sessions with live models in the exhibition hall.

E2
Emergency & trauma
Room 3B


Interesting cases from St George's Hospital major trauma centre
Chair: Dr Joanna Moser, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust
Panel: Dr Joanna Moser, Consultant Radiologist; Dr Jaymin Patel, Consultant GI Radiologist; Dr Joo-Young Chun, Consultant Diagnostic & Interventional Radiologist, St George's University Hospitals NHS Foundation Trust

D3 cont.
GI and hep
Room 11B/C

Rectal cancer MDT - clinical conundrums (continued)

D4 cont.
Neurology
Hall 1B
INTERACTIVE

CNS tumours and mimics - an interactive session (continued)

E3
Proffered papers
Room 4


Paediatrics and chest
Chair: Dr Samantha Negus, Consultant Paediatric Radiologist, Surrey and Sussex Healthcare NHS Trust
Audit on paediatric appendicectomies - the role of ultrasound and paediatric appendicitis score (PAS) in the diagnosis of appendicitis - Dr Ruhaid Khurram and Dr Shahab Haghollahi, Barnet Hospital Royal Free London NHS Foundation Trust
Generalised systemic lymphangiomatosis - an imaging case study - Dr Ghassan Almeer, Radiology Registrar, York Teaching Hospital NHS Foundation Trust
Wilms' tumour: An overview and a multi-modality diagnosis pictorial review - Antoinette Silcott, Glasgow Caledonian University
Does the compressed lung in cases of antenatal diaphragmatic hernia behave different to that in cystic pulmonary malformations? - Elspeth Whitby, Senior Lecturer, University of Sheffield
Optimisation of SABR lung CBCT verification - Louise Turtle, Research and Development Expert Practitioner, The Clatterbridge Cancer Centre NHS Foundation Trust
Lungs of stone - a review of pulmonary calcification and other causes of high attenuation lesions in the lungs - Lucia Chen, Portsmouth Hospitals NHS Trust

Afternoon sessions E

16:45-17:45

E1
Radiotherapy and oncology
Room 3A

Drug combination therapy
Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy and Bill Nailon, Lead Clinical Scientist, Edinburgh Cancer Centre
Radiotherapy-drug combinations - state of play and opportunities for the future - Professor Anthony Chalmers, Chair of Clinical Oncology, University of Glasgow

E4
Education and workforce
Hall 1C

People
Chair: Dr Jane Young, Head of School, London School of Radiology and Consultant Radiology, Whittington Hospital
Talking to colleagues - what we have learnt from teaching communication with radiology registrars - Dr Amy Eccles, Consultant Radiologist, Guy's and St Thomas' NHS Foundation Trust
Leadership and management skills - what new consultants wish they knew - Dr Anita Wale, NIHR BRC Research Fellow in Clinical Radiology, The Royal Marsden NHS Foundation Trust
Managing difference within a team - Dr Giles Maskell, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust

WELCOME & ACKNOWLEDGEMENTS

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E5

**Proffered
papers**

Exhibition
Theatre 2



History

Chair: Elizabeth Beckmann, Chair, BSHR and Director, Lanmark

The Marie Curie Hospital Hampstead 1929-1967 - Professor Francis Duck, Visiting Professor, University of Bath
Some common eponymous signs in gastrointestinal radiology - who were the eponymists? - Dr Arpan K Banerjee, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust

Tuberculosis and radiotherapy: A historical perspective - Dr Adrian Thomas, Consulting Radiologist, Canterbury Christ Church University
Godfrey Hounsfield - the centenary of his birth - Elizabeth Beckmann, Chair, BSHR and Director, Lanmark

E6

Ultrasound

Exhibition
Hall

MSK - lower

Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust

Hands-on demonstration sessions with live models in the exhibition hall.

17:45-19:00

**Exhibition
Hall**

Welcome wine reception, UKIO chorus, demo zones, fringe meetings

18:00-19:00

**Exhibition
Theatre 2**

Doctorate Den: Journeys of doctoral candidature - notes to help you navigate the path

Chair: Dr Rachel Harris, Professional and Education Manager, The Society and College of Radiographers

Join us at the drinks reception and hear from those undertaking a doctorate and those who have come through the other side! Plenty of time for discussion too.

Speakers: Carolyn Costigan, Principal Research Radiographer, Nottingham University Hospitals NHS Trust; Amy Taylor, Research and Development Lead, Radiotherapy, Weston Park Hospital, Sheffield; Gareth Hill, Radiotherapy Manager, Ninewells Hospital, NHS Tayside; and Dr Tracy O'Regan, Professional Officer Clinical Imaging and Research, The Society and College of Radiographers

- Hear stories of a variety and diversity of experiences of doctoral candidature.
- Consider the impact of doctoral level study and research on your personal and professional life.
- Explore possibilities and opportunities for support along the way.

19:45-late

Curry & quiz night, eastZeast

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**MEDICA
GROUP**

Time							Exhibition theatre 1	Exhibition theatre 2 & FRCR sessions room 24	Demo Zone	Ultrasound	Time	
	08:00 Registration, exhibition and first-timers breakfast											
08:20	F1 Radiotherapy and oncology Breast radiotherapy HALL 1C	F2 MSK Spinal imaging ROOM 3B	F3 Head and neck Applied anatomy ROOM 3A	F4 Molecular imaging PET OsiriX ROOM 11A	F5 Cardiac Radiographer masterclass HALL 1B	F6 Proffered papers Radiotherapy - treatment, planning and verification ROOM 4			First-timers breakfast		08:20	
08:30										08:30		
08:40										08:40		
08:50										08:50		
09:00											09:00	
09:10	Plenary 2: UKIO Question Time: Peer review in the NHS - all stick and no carrot? HALL 1A										09:10	
09:20										09:20		
09:30										09:30		
09:40										09:40		
09:50										09:50		
10:00											10:00	
10:10											10:10	
10:20											10:20	
10:30											10:30	
10:40	Refreshments, exhibition, posters and education on the stands						Vision RT EXHIBITION THEATRE 1				10:40	
10:50											10:50	
11:00											11:00	
11:10	G1 Breast MDT ROOM 12	G2 MSK Spinal imaging MDT HALL 1C	G3 Head and neck Cancers ROOM 3A	G4 Obs and gynae Osirix ROOM 11A	G5 Cardiac Cardiac imaging masterclass HALL 1B	G6 Service Optimisation GIRFT ROOM 3B	G7 Molecular imaging PET-CT ROOM 11B/C	G8 Radiology managers EXHIBITION THEATRE 1		G9 MSK Ultrasound Upper EXHIBITION HALL	11:10	
11:20											11:20	
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12:30										12:30		
12:40	Lunch, exhibition, posters and education on the stands										12:40	
12:50	IPEM John Mallard lecture Fast Field Cycling - a new frontier in MR imaging Professor David Lurie, Chair in Biomed Physics and Bio Engineering, University of Aberdeen				HALL 1C	SCoR Martine Jackson lecture Focusing on the patient experience - Professor Heidi Probst, Professor of Radiotherapy and Oncology, Sheffield Hallam University		HALL 1B			12:50	
13:00											13:00	
13:10											13:10	
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13:50											13:50	
14:00	H1 Radiotherapy and oncology Living with and beyond cancer HALL 1C	H2 Imaging technologies CT for hybrid imaging ROOM 3A	H3 BAMRR ROOM 12	H4 Obs and gynae Gynaecology INTERACTIVE ROOM 3B	H5 Cardiac CT pathway HALL 1B	H6 Education & workforce Workforce HALL 1A	H7 Proffered papers Head and neck ROOM 4	H8 RPS IRR17 ROOM 11B/C			14:00	
14:10											14:10	
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16:00	I1 Radiotherapy and oncology Consultant radiographers - flexible skill mix 1 HALL 1C	I2 MSK Myth busting - things we do for no reason ROOM 3A	I3 Head and neck OsiriX ROOM 11A	I4 Obs and gynae Obstetrics INTERACTIVE ROOM 12	I5 Cardiac Imaging in special circumstances HALL 1B	I6 Research Service delivery and research in clinical practice ROOM 3B	I7 Proffered papers Humanise and personalise ROOM 11B/C	I8 Radiotherapy board managers ROOM 4		I9 MSK Ultrasound Lower EXHIBITION HALL	16:00	
16:10												16:10
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16:40										16:40		
16:50	J1 Radiotherapy and oncology Consultant radiographers - flexible skill mix 2 HALL 1C	J2 Intervention Oncological ROOM 3A		J3 Molecular imaging Paediatrics and MSK HALL 1B	J4 Informatics NHS strategy HALL 1A	J5 SMRT ROOM 4	J6 Proffered papers Late-breaking papers ROOM 11 B/C	J7 Informatics PACs UnPACKED 2 EXHIBITION THEATRE 1		J8 MSK Ultrasound Lower EXHIBITION HALL	16:50	
17:00												17:00
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17:40										17:40		
	17:45-18:45 Fringe meetings											
	19:00-01:00 AXREM dinner											

CONGRESS PROGRAMME

Demo zone
08:00-09:00

First-timers breakfast

Morning sessions F

08:15-09:15

F1

Radiotherapy and oncology

Hall 1C

Breast radiotherapy

Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre

Breast and nodal radiotherapy update - Dr Virginia Wolstenholme, Consultant Clinical Oncologist, Barts Health NHS Trust

Radiotherapy verification imaging for breast and nodal breast disease - what is the simple solution? - John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre and Louise Turtle, Research and Development Expert Practitioner, The Clatterbridge Cancer Centre NHS Foundation Trust

F2

MSK

Room 3B

Spinal imaging

Chair: Dr Jaspreet Singh, Consultant MSK Radiologist and Dr Bernhard Tins, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Non-traumatic spinal emergencies - Dr Bernhard Tins, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Incidental bone marrow lesions on MR imaging - Dr Victor Cassar-Pullicino, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Vertebral collapse - benign vs malignant - Dr Jaspreet Singh, Consultant MSK Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Spinal inflammation and mimics - Dr Prudencia Tyrrell, Consultant MSK Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

F3

Head and neck

Room 3A

Head and neck applied anatomy

Chair: Dr Neshe Siriskandan, Consultant Head & Neck Radiologist, Guy's and St Thomas' NHS Foundation Trust

Neck spaces - applied anatomy for the radiologist - Dr Ata Siddiqui, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust and Guys & St Thomas' Hospitals NHS Foundation Trust

Petrous temporal bone - applied anatomy for the radiologist - Dr Cristina Dudau, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust

F4

Molecular imaging

Room 11A

PET OsiriX

Facilitator: Dr Kamna Mehta, Consultant Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust

F5

Cardiac

Hall 1B

Radiographer masterclass in cardiac imaging

Chair: Dr Bobby Agrawal, Consultant Cardiac and Thoracic Radiologist, Royal Papworth Hospital NHS Foundation Trust

Radiographer led CMR stress imaging - Alison Fletcher, Lead Research Radiographer, Acute Vascular Imaging Centre, University of Oxford

Radiographer led BB/GTN service - Rebecca Taylor, Specialist Radiographer, Royal Papworth Hospital NHS Foundation Trust

MRI of implanted cardiac devices - the role of the radiographer - Tracy Horn, Principal MRI Radiographer, Royal Papworth Hospital NHS Foundation Trust

F6

Proffered papers

Room 4

Radiotherapy - treatment, planning and verification

Chair: Amanda Webster, Senior Therapy Radiographer, National Radiotherapy Trials QA (RTTQA) Group, Mount Vernon Cancer Centre

UK Stereotactic Ablative Body Radiotherapy (SABR) consortium survey 2018: Developments in UK provision and practice over the past six years - Gail Distefano, Principal Clinical Scientist, Royal Surrey County Hospital

Treatment planning study of single vs multi isocentre stereotactic radiosurgery for treatment of brain metastases - Colin Jennings, Consultant Physicist, Rosemere Cancer Centre

HDR brachytherapy skin applicator fabrication for clinical cases: Hand-formed vs digitally designed and 3D printed - Shauna Nic A Bhaird, Senior Clinical Scientist (Radiotherapy Physics), Clatterbridge Cancer Centre

Complexity metrics to predict DQA performance for challenging RayStation VMAT plans - Alex Taylor, Trainee Radiotherapy Physicist, Nottingham Radiotherapy Centre

Implementation of PerFRACTION™ to reduce phantom based patient specific quality assurance (PSQA) - Ahmed Ifthaker, Radiotherapy Physicist, Barking, Havering and Redbridge University Hospitals NHS Trust

Using EPID results to compare the accuracy of set up between traditional tattoo set up and Surface Guided Radiotherapy (SGRT) set up - a move to markerless radiotherapy - Ben Allen, Technical Lead Radiographer, Queen Elizabeth Hospital

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Morning plenary

09:20-10:20

Plenary 2

Hall 1A



UKIO Question Time: Peer review in the NHS – all stick and no carrot?

Chair: Professor Fergus Gleeson, Professor of Radiology, University of Oxford and Consultant Radiologist, Oxford University Hospitals NHS Foundation Trust

Panel:

- Dr Nicola Strickland, President, Royal College of Radiologists
- Marlene Stodgell-O'Grady, Director Quality, Safety and Education - Diagnostic Imaging Services, Alberta Healthcare
- Dr Carlos Schorlemmer, Head of Clinical Governance and Strategy, TMC
- James Lawford Davies, Partner, Hill Dickinson LLP
- Dr Peter Strouhal, Clinical Director for Reporting, Alliance Medical Ltd

10:20-11:10

Refreshments, exhibition, posters and education on the stands

Exhibition hall theatre 10:30-11:00

Exhibition lecture theatre 1

Vision RT

Towards tattoo-less radiotherapy - surface guided radiotherapy (SGRT) in breast patients -
Adam Littler, R&D Radiographer, Guy's Cancer Centre
Improving efficiency and throughput with AlignRT
- Ben Allen, Technical Lead Radiographer, Queen Elizabeth Hospital

Morning sessions G

11:10-12:40

G1

Breast

Room 12

Breast MDT

Chair: Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust
Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust
Dr Virginia Wolstenholme, Clinical Oncologist, Barts Health NHS Trust
Dr Caroline Parkin, Consultant Breast Radiologist, Nightingale Centre, Manchester University NHS Foundation Trust
Ms Laura Johnson, Consultant Oncoplastic Breast Surgeon, Barts Health NHS Trust

G2

MSK

Hall 1C

Spinal imaging MDM - metastatic spinal cord compression

Chair: Dr Jaspreet Singh, Consultant MSK Radiologist and Dr Bernhard Tins, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Imaging for MDM - diagnosis and intervention -
Dr David McKean, Consultant Radiologist, Stoke Mandeville Hospital

Radiation therapy for MDM - Dr Ravi Prashant, Consultant Clinical Oncologist, Shrewsbury and Telford Hospital NHS Trust

Surgical intervention for MDM - Mr Birender Balain, Consultant Spine Surgeon, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Interactive MDT case discussion

G3

Head and neck

Room 3A

Head and neck cancers

Chair: Dr Neshe Siriskandan, Consultant Head & Neck Radiologist, Guy's and St Thomas' NHS Foundation Trust

TNM8 – what's new for the reporting radiologist
- Dr Philip Touska, Consultant Head and Neck Radiologist, Guy's and St Thomas' NHS Foundation Trust

Role of PET CT in head and neck oncology –
Dr Teresa Szyszko, Consultant Radiologist and Nuclear Medicine Physician, King's College Hospital NHS Foundation Trust

G4

Obs and gynae
OsiriX

Room 11A

Obs and gynae OsiriX

Dr Siham Sudderuddin, Consultant Radiologist, Imperial College Healthcare NHS Trust

G5

Cardiac

Hall 1B

Cardiac imaging masterclass

Chair: Dr Swamy Gedela, Consultant Cardiothoracic Radiologist and Cardiac MRI Director, Essex Cardiothoracic Centre

Performing cardiac CT - the radiographer's perspective - Gemma Marshall, Superintendent Radiographer, Royal Brompton & Harefield NHS Foundation Trust

Cardiac CT from the perspective of the radiologist - Dr Sukumaran Binukrishnan, Consultant Radiologist, Liverpool Heart and Chest Hospital

Cardiac CT - the physics under the bonnet - Dr Elly Castellano, Head of Diagnostic Radiology Physics, Royal Marsden NHS Foundation Trust

CTCA for an interventional cardiologist - Dr Unni Krishnan, Consultant Interventional Cardiologist, Cambridge University Hospitals NHS Trust

G6

Service
optimisation

Room 3B



Getting it Right First Time (GIRFT) - reducing variation in imaging services

Chair: Dr Katharine Halliday, GIRFT Clinical Lead
Managing radiology reporting capacity - Dr Giles Maskell, GIRFT Clinical Adviser

Regional radiology reporting networks – is it all about the technology? - Tbc

Getting best value from your outsourcing -
Dr Robin Evans, Clinical Director and Responsible Officer, Everlight Radiology

CONGRESS PROGRAMME

G7
Molecular imaging
Room 11B/C

PET-CT
Chair: Dr Kamna Mehta, Consultant Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust
PET-CT in neuroendocrine tumour imaging - Dr Prakash Manoharan, Consultant Radiologist and Nuclear Medicine Physician, The Christie NHS Foundation Trust
PET-CT in colorectal malignancies - Dr Rohit Kochhar, Consultant Radiologist, The Christie NHS Foundation Trust
PET-CT in head and neck cancer - Dr Sriram Vaidyanathan, Consultant Radiologist (Head & Neck Imaging, Nuclear Medicine, PET/CT), Leeds Teaching Hospitals NHS Trust

G8
Exhibition hall theatre
Exhibition Theatre 1

Radiology managers - radiology service management
Chair: Dr Richard Robinson, Consultant Radiologist and Head of Service, Mid Yorkshire Hospitals NHS Trust
What do radiology managers do? Sharing good practice - Lucy Beeley, Radiology Group Manager, The Mid Yorkshire Hospitals NHS Trust; Gill Holroyd, Radiology Manager, St Helen's & Knowsley Teaching Hospitals NHS Trust; Deborah Henderson, Trust Lead Radiographer, Northumbria Healthcare Trust

G9
Ultrasound
Exhibition Hall

MSK - upper
Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust
Hands-on demonstration sessions with live models in the exhibition hall.

From 12:40-14:00

Lunch, exhibition, posters, demo zone and education on the stands

12:45-13:30 Society keynote lectures

Society key-note lectures
Hall 1C

IPEM John Mallard lecture
Fast Field Cycling - a new frontier in MR imaging
Professor David Lurie, Chair in Biomed Physics and Bio Engineering, University of Aberdeen

Society key-note lectures
Hall 1B

SCoR Martine Jackson lecture
Focusing on the patient experience - "It is good to have an end to journey toward; but it is the journey that matters in the end" (Ursula K. Le Guin The Left Hand of Darkness)
Professor Heidi Probst, Professor of Radiotherapy and Oncology, Sheffield Hallam University

Demo zone
12:45-1300

Rutherford Diagnostics
Creating real partnerships with Rutherford Diagnostics - Dr Steven Powell, Chief Diagnostic Officer, Rutherford Diagnostics

Exhibition hall theatre
13:00-14:00
Exhibition lecture theatre 1

Bayer
How contrast barcoding delivers peace of mind to busy practices - Kai Strasdas, Brand Manager Software, Bayer US LLC

13:00-14:00
Room 24

FRCR VIVA teaching tutorial
run by experienced FRCR tutors

Ultrasound
13:00-14:00
Exhibition Hall

Breast biopsy workshop
Facilitators: Dr Barbara Dall, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust; Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust; Susan Garnett, Consultant Radiographer, University Hospitals Coventry and Warwickshire NHS Trust; and Zebby Rees, Consultant Breast Radiographer, Hywel Dda Health Board, West Wales

Demo zone
13:15-13:45

Royal Osteoporosis Society
Identification of vertebral fractures for fracture prevention - audit and guidance for radiologists - Jill Griffin, Lead Practitioner and Radiographer, Royal Osteoporosis Society

Afternoon sessions H

14:00-15:00

H1
Radiotherapy and oncology
Hall 1C

Living with and beyond cancer
Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre
How can we improve the quality of care for people with advanced cancer? - Anne MacDowell, Fight Bladder Cancer, on behalf of the Advanced Cancers Coalition
Why is it important to double the survivability of the less survivable cancers? - Michele McMahon, Patient Advocate and Mike Grundy, Roy Castle Lung Cancer Foundation
Living with and beyond cancer: The top ten research priorities - as identified by patients and carers - Ian Lewis, Head of Strategy and Initiatives, National Cancer Research Institute (NCRI)

H2
Imaging technologies
Room 3A

Getting the best out of CT for hybrid imaging
Chair: Dr Heather Williams, Principal Medical Physicist, The Christie NHS Foundation Trust
Hybrid CT doses in the UK - Dr Maria Burniston, Head of Nuclear Medicine Physics, Barts Health NHS Trust
Optimising hybrid CT in practice - Philippa Campbell, Radiographer, The Royal Marsden NHS Foundation Trust
Discussion of clinical examples

H3
BAMRR
Room 12

British Association of MR Radiographers (BAMRR) MRI in contemporary practice
Chair: Rachel Watt, President and Cath Mills, Safety Co-ordinator, BAMRR
MR sequences to try when you die - William Bailey, MR radiographer, Radiology Management Solutions Ltd
We bought an MR Linac, so now what? - Dr Cynthia Eccles, Consultant Research Radiographer, Head of Radiotherapy Developments, The Christie NHS Foundation Trust
MR Linac - what's under the bonnet - Michael Hutton, Consultant Clinical Scientist, Christie Medical Physics and Engineering, The Christie NHS Foundation Trust

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H4

Obs and gynae

Room 3B

INTERACTIVE

Gynaecology

Chair: Dr Nishat Bharwani, Consultant Radiologist, Imperial College NHS Trust

Role of functional imaging in gynaecological malignancy - Dr Helen Addley, Consultant Radiologist, Cambridge University Hospitals NHS Foundation Trust

Usual and unusual appearances of pelvic endometriosis - Dr Anju Sahdev, Consultant Radiologist and Reader in Diagnostic Imaging, Barts Health NHS Trust

H5

Cardiac

Hall 1B

Cardiac imaging pathways

Chair: Dr Sukumaran Binukrishnan, Consultant Radiologist, Liverpool Heart and Chest Hospital

Optimising the pathway for cardiac CT referral - Dr Allannah Barker, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust and Cambridge University Hospitals NHS Foundation Trust

TAVI CT - where in the pathway and how to do it - Dr Alistair Gummow, Consultant Radiologist, University Hospitals of Derby and Burton NHS Foundation Trust

CMR in HCM - where in the pathway and how to do it - Dr Ben Holloway, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust

H6

Education and workforce

Hall 1A



Workforce

Chair: Dr Jane Young, Head of School, London School of Radiology and Consultant Radiology, Whittington Hospital

How Artificial Intelligence and technology can contribute to the workforce challenge - Dr Christopher Austin, Chief Medical Officer, Kheiron Medical

The future of the diagnostic imaging workforce - Dr Tony Newman-Sanders, National Clinical Director for Diagnostics, NHS England and NHS Improvement, and Chief of Cancer and Diagnostics, Surrey and Sussex Healthcare NHS Trust

Panel discussion: AI and the future workforce

Panel: Dr Caroline Rubin, Vice President, RCR; Dr Chris Austin; Dr Shah Islam, Academic Neuroradiologist, Imperial College London

H7

Proffered papers

Room 4



Head and neck

Chair: Dr Neshe Siriskandan, Consultant Head & Neck Radiologist, Guy's and St Thomas' NHS Foundation Trust and Dr Lalani Carlton-Jones, Consultant Neuroradiologist, Guy's and St Thomas' NHS Foundation Trust

Imaging on time, when 'time is brain' - a case study and image series outlining rapid and safe mechanical thrombectomy in hyperacute stroke - Ganesan Ramsamy, University Hospitals Birmingham NHS Foundation Trust

Trigeminal neuralgia: The patient experience of magnetic resonance imaging (MRI) of the brain - Julie De Wit, Senior Lecturer, University of Derby

Assessing dynamic change in salivary gland function using MRI during chemoradiation for head and neck cancer (HNC) - David Noble, Clinical Research Fellow and Honorary Specialty Registrar, University of Cambridge

Head and neck cancer using MRI in radiotherapy planning: A pictorial review - John Paul Sahibbil, Lead MRI Radiographer, GenesisCare UK

No radiologist required - a sustainable approach to implementing a one stop neck lump clinic - Nicola Davidson, Lead Sonographer, Worcestershire Acute NHS Trust

PET-CT surveillance post (chemo)-radiotherapy (CRT) in advanced head and neck squamous cell cancer - beyond the PET-Neck protocol - Dr Claire Paterson, Consultant Clinical Oncologist, Beatson West of Scotland Cancer Centre

H8

RPS

11B/C

RPS IRR17

Chair: Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA

Feedback from hospital trust inspections under IRR17 - James Taylor, HM Principal Specialist Inspector of Health and Safety (Radiation), Health and Safety Executive

HSE inspections - on the receiving end - Paul Connolly, Radiation Protection Adviser / Medical Physics Expert, Integrated Radiological Services Ltd Discussion

15:00-15:40

Refreshments, exhibition, posters and education on the stands

Demo zone

15:15-15:30

Rutherford Diagnostics Everlight Radiology

Professional and social pros and cons of life as an overseas teleradiologist - Dr Robin Evans, Clinical Director and Responsible Officer, Everlight Radiology
Despite controversy, teleradiology activity has grown dramatically in the last few years and now provides a substantial proportion of UK NHS radiology reporting. The workers in this field may have a unique and rewarding experience which is entirely unlike a career within the NHS. This talk will address some of the opportunities and challenges in this type of working and provide insight into a job plan which is likely to become more popular in the years ahead.

15:30-16:30

Room 24

FRCR VIVA teaching tutorial

run by experienced FRCR tutors

CONGRESS PROGRAMME

Afternoon sessions I

15:40-16:40

I1 Radiotherapy and oncology Hall 1C	Consultant radiographers - optimising the advantages of flexible skills mix 1 Chair: Kieran Woods, Business and Clinical Development Manager, The Clatterbridge Cancer Centre NHS Foundation Trust Palliative care - Karen Moore, Consultant Radiographer in Lung, Beatson West Of Scotland Cancer Centre Consultant radiographer training - the Clatterbridge experience - Philip Reynolds, Consultant Radiographer in Prostate Radiotherapy, The Clatterbridge Cancer Centre NHS Foundation Trust
I2 MSK Room 3A	Myth busting - things we do for no reason Chair: Dr Prashant Sankaye, Consultant Musculoskeletal Radiologist, Imperial College Healthcare NHS Trust Anticoagulation in MSK injections - Dr Sharmila Chhatani, Consultant Musculoskeletal Radiologist, London Northwest Healthcare NHS Trust Errors in MSK radiology - Dr Prashant Sankaye, Consultant Musculoskeletal Radiologist, Imperial College Healthcare NHS Trust Mimics of bone tumours - Dr Jaspreet Singh, Robert Jones and Agnes Hunt Orthopaedic and District Hospital NHS Trust Appearances can be deceptive! Soft tissue tumours and mimics - Dr Khalid Ali, Consultant Musculoskeletal Radiologist, NHS Greater Glasgow and Clyde
I3 Head and neck OsiriX Room 11A	OsiriX (ends at 17:15) Dr Ata Siddiqui, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust and Guys & St Thomas' Hospitals NHS Foundation Trust and Dr Philip Touska, Consultant Diagnostic Radiologist (Head and Neck), Guy's and St Thomas' NHS Foundation Trust
I4 Obs and gynae Room 12 INTERACTIVE	Obstetrics Chair: Dr Nishat Bharwani, Consultant Radiologist, Imperial College NHS Trust US imaging of complicated pregnancy - Dr Anne-Marie Coady, Consultant Radiologist, Hull and East Yorkshire Women and Children's Hospital Acute abdominal and pelvic pain in pregnancy - Dr Rebecca Wiles, Consultant Radiologist, Royal Liverpool and Broadgreen University Hospital NHS Trust
I5 Cardiac Hall 1B	Cardiac imaging in special circumstances Chair: Dr Sumit Karia, Consultant Radiologist, Cambridge University Hospitals NHS Foundation Trust Cardio-oncology imaging - Dr Jonathan Rodrigues, Consultant Radiologist, Royal United Hospitals Bath NHS Foundation Trust Sports cardiac imaging - Dr Lynne Williams, Consultant Cardiologist, Royal Papworth Hospital NHS Foundation Trust Pericardial disease imaging - Dr Bobby Agrawal, Consultant Cardiac and Thoracic Radiologist, Royal Papworth Hospital NHS Foundation Trust

I6 Research Room 3B	The conflict between service delivery and research in clinical practice Chair: Nicola Scott, Imaging Transformation Implementation Lead, NHS England and NHS Improvement AHP evidence and research - a strategic view - Naomi McVey, North West Allied Health Professions Workforce Lead & Programme Manager and NICE Fellow 2017 - 2020, Health Education England Understanding the managers perspective with respect to the conflicting pressures of research and service delivery - Benjamin Roe, Head of Clinical Quality / Senior Clinical Lead (South West), NHS England and NHS Improvement - South West The realities/challenges of undertaking research in a service driven environment - views from radiographers - Sue Williams, Consultant Radiographer, Shrewsbury and Telford Hospitals NHS Trust and Valerie Middleton, Consultant Radiographer, Plain Image Reporting, University Hospitals of North Midlands NHS Trust
I7 Proffered papers Room 11B/C 	Humanise and personalise Chair: Dr Fiona Mellor, Lecturer and Superintendent Radiographer, AECC University College The construction of care in CT - Rachael Forton, Advanced Practice CT Radiographer, Norfolk & Norwich University Hospital Exploring the humanistic work of clinical imaging: Emotional labour and gifts of caring - Tracy O'Regan, Professional Officer Clinical Imaging & Research, The Society and College of Radiographers Examining the relationship between emotional intelligence and leadership attributes of Australian Chief Radiographers - Sarah Lewis Associate Professor, The University of Sydney Think calm, stay calm and keep calm: A cognitive behavioural approach to anxiety related reaction in MRI - John Paul Sahibbil, Lead MRI Radiographer, GenesisCare UK Clinical and lay attitudes towards sharing images with patients: A quantitative analysis - William Cox, University of Suffolk
I8 Radiotherapy board managers Room 4	Radiotherapy board managers: Implementing peer review - how will radiotherapy networks support peer review? An opportunity for the radiotherapy community to review progress towards embedding peer review into routine clinical practice and to discuss the opportunities and challenges presented by a networked approach to service delivery. Facilitators: Hayley James, Chair and John Burton, Immediate Past Chair, Radiotherapy Board
I9 Ultrasound Exhibition Hall	MSK - lower Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust Hands-on demonstration sessions with live models in the exhibition hall.

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Afternoon sessions J

16:45-17:45

J1

**Radiotherapy
and oncology**
Hall 1C

Consultant radiographers - optimising the advantages of flexible skills mix 2

Chair: Kieran Woods, Business and Clinical Development Manager, The Clatterbridge Cancer Centre NHS Foundation Trust

The radiographer and clinical oncologist perspectives of consultant radiographer practice in prostate cancer - Tracey Ellis, Macmillan Consultant Radiographer and Oncology Clinical Director and Dr Alison Birtle, Consultant Oncologist, Lancashire Teaching Hospitals NHS Trust

The challenges, pitfalls and rewards of consultant practice in breast radiotherapy - Neill Roberts, Consultant Radiographer, Leeds Cancer Centre

J2

**Interventional
oncology**
Room 3A

MSK interventional oncology

Chair: Dr Amanda Isaac, Consultant Musculoskeletal Radiologist, Guy's & St Thomas' Hospitals NHS Foundation Trust

Tips and tricks for soft tissue and bone biopsies - how I do it - Dr Radhesh Lalam, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Current and emerging concepts in minimally invasive management of spine augmentation in oncology - Speaker TBA

The future of MSK interventional oncology - Dr Danoo Dalili, UK Research fellow, Guy's & St Thomas' NHS Foundation Trust

J3

**Molecular
imaging**
Hall 1B

Molecular imaging - paediatrics and MSK

Chair: Dr Kamna Mehta, Consultant Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust

Paediatrics PET - Dr Diana Rosof-Williams, Consultant Radiologist, Lancashire Teaching Hospitals NHS Trust

SPECT-CT as spinal surgical problem-solving tool - Dr John Cain, Consultant Neuroradiologist and Radionuclide Radiologist, Lancashire Teaching Hospitals NHS Trust

J4

Informatics
Hall 1A

NHS strategy on imaging

Chair: Dr Rizwan Malik, Consultant Radiologist, Bolton NHS Foundation Trust

Technology to drive improvements in healthcare - leading from the front - Will Smart, Chief Information Officer for Health and Social Care, NHSX

The value of clinical engagement in effecting HealthIT change - the importance of the CCIO - Dr Gareth Thomas, Consultant in Intensive Care Medicine and Anaesthesia and Group Chief Clinical Information Officer, Salford Royal NHS Foundation Trust, The Northern Care Alliance NHS Group

J5

SMRT

Room 4

Society for MR Radiographers and Technologists (SMRT) - cardiac MRI

Chair: Ben Statton, MRI Superintendent Radiographer, Mansfield Centre for Innovation, MRC, Imperial College

Providing MRI for patients with cardiac devices - time to tear up the rule book - Dr Anish Bhuvu, British Heart Foundation Cardiology Research Fellow; NHS Innovations Clinical Entrepreneur; Cardiology Registrar, St Bartholomew's Hospital

Scanning pacemakers in practice - the problems we encountered and how we overcame them - Lizette Cash, Operational Lead Radiographer, St Bartholomew's Hospital

J6

**Proffered
papers**

Room 11B/C

Late-breaking proffered papers

Chair: Dr Julian Kabala, President, UKIO

Pelvic radiography - the erect position and its impact on clinical measures - Kevin Flintham, Advanced Radiographer Practitioner, The Mid Yorkshire Hospitals NHS Trust

Experiences of delivering an MR-only prostate radiotherapy pathway - the view from the treatment floor - Rachel Brooks, Research and Development Clinical Specialist Radiographer, Newcastle upon Tyne Hospitals

MR-guided isotoxic dose escalation of muscle-invasive bladder cancer using diffusion-weighted MRI - Jane Rogers, Clinical Scientist, University Hospitals Coventry and Warwickshire NHS Trust

Incidentally detected renal cancers - characteristics and route to diagnosis - Dr Amoolya Mannava, Radiology Registrar, Royal Cornwall Hospitals NHS Trust

Exploring the potential relationships between microvascular haemodynamics and density in bone - a feasibility study utilising near infrared spectroscopy - Robert Meertens, Senior Lecturer, University of Exeter

Recognising and sharing the benefits of participation in diagnostic imaging research - Martine Harris, Research Radiographer, The Mid Yorkshire Hospitals NHS Trust

J7

Informatics

Exhibition
lecture
theatre 1

PACS UnPACKed 2

Chair: Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA

Intelligent worklists management - David Bowen, Director Market Development & Emerging Territories, Intelrad

MDT efficiency and integrated diagnostics - Chris Scarisbrick, Sales Director, Sectra

Next generation radiology teaching file solutions - future directions in PACS based pedagogy - Dr Patrick McLaughlin, Senior Vice President, Chief Medical Officer, Change Healthcare

J8

Ultrasound

Exhibition Hall

MSK - lower

Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust

Hands-on demonstration sessions with live models in the exhibition hall.

17:45-18:45

Fringe meetings

19:00-01:00

AXREM dinner (by pre-booked ticket)

WELCOME &
ACKNOWLEDGEMENTS

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Wednesday 12 June 2019 - Dose day

Time								Exhibition theatre 1	Exhibition theatre 2 & FRCR sessions room 24	Demo Zone	Schools	Time
08:30	Registration, exhibition and refreshments											
08:40												08:40
08:50	K1	K2	K3	K4	K5	K6	K7					08:50
09:00	Radiotherapy and oncology Adaptive therapies 1	MSK Inflammatory arthritis	Urology Imaging of prostate cancer	Informatics Personalised medicine	Chest and lung Interstitial lung disease	Service optimisation Patient safety	ASRT exchange prize					09:00
09:10	HALL 1C	ROOM 11B/C	HALL 1B	ROOM 4	ROOM 3B	ROOM 12	ROOM 13					09:10
09:20												09:20
09:30												09:30
09:40												09:40
09:50												09:50
10:00	L1	L2	L3	L4	L5	L6	L8	L7				10:00
10:10	Radiotherapy and oncology Adaptive therapies 2	MSK Orthopaedic plain film	Urology Urological emergencies	Chest and lung Imaging lung cancer	Research Research collaboration	Preferred papers Best practice	Imaging technologies FDG PET assessment	Patient dose surveys				10:10
10:20	HALL 1C	ROOM 11B/C	INTERACTIVE HALL 1B	ROOM 3B	ROOM 12	ROOM 4	ROOM 13	EXHIBITION THEATRE 1				10:20
10:30												10:30
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K1
Radiotherapy and oncology
Adaptive therapies 1
HALL 1C

K2
MSK
Inflammatory arthritis
ROOM 11B/C

K3
Urology
Imaging of prostate cancer
HALL 1B

K4
Informatics
Personalised medicine
ROOM 4

K5
Chest and lung
Interstitial lung disease
ROOM 3B

K6
Service optimisation
Patient safety
ROOM 12

K7
ASRT
exchange prize
ROOM 13

L1
Radiotherapy and oncology
Adaptive therapies 2
HALL 1C

L2
MSK
Orthopaedic plain film
ROOM 11B/C

L3
Urology
Urological emergencies
INTERACTIVE
HALL 1B

L4
Chest and lung
Imaging lung cancer
ROOM 3B

L5
Research
Research collaboration
ROOM 12

L6
Preferred papers
Best practice
ROOM 4

L8
Imaging technologies
FDG PET assessment
ROOM 13

L7
Patient dose surveys
EXHIBITION THEATRE 1

GenesisCare
EXHIBITION THEATRE 1

FRCR VIVA
teaching tutorial
run by experienced
FRCR tutors
ROOM 24

Schools
engagement session and
exhibition
Dallas Campbell
Hall 1A and 3A

Refreshments, exhibition, posters and education on the stands

Plenary 3: "We choose to go to the moon" - space and humanity
Dallas Campbell, Author, Broadcaster and Presenter
Prize announcements

Lunch, exhibition and education on the stands

SCoR Stanley Melville lecture
Leadership in radiography - lived experience
Suzanne Rastrick, Chief Allied Health Professions Officer (England), NHS England

M1
Radiotherapy and oncology
New developments
HALL 1C

M2
Emergency and trauma
Emergency imaging
ROOM 11 B/C

M3
Urology OsiriX
INTERACTIVE
ROOM 11A

M4
MPE
optimisation masterclass
ROOM 4

M5
Chest and lung
Pulmonary vascular disease
ROOM 3B

M6
Research
Incidental findings
ROOM 12

M7
Informatics
AI
HALL 1B

N1
MSK
Trivial to tricky - test your joints
INTERACTIVE
ROOM 3B

N2
Urology
Novel techniques
HALL 1B

N3
Chest and lung
OsiriX
ROOM 11A

N4
RPS
IRMER17
HALL 1C

N5
Preferred papers
Education
ROOM 12

Exhibition closes

CONGRESS PROGRAMME

Morning sessions K

08:45-09:45

K1
Radiotherapy and oncology
Hall 1C

Adaptive therapies 1
Chair: Steve Blake, Head of Radiotherapy Physics, Bristol Haematology & Oncology Centre
Adaptive radiotherapy - current status and future possibilities - Professor Sara Thörnqvist, Researcher, University of Bergen
Tools and technologies for adaptive radiotherapy - Professor Marcel van Herk, Chair in Radiotherapy Physics, University of Manchester

K2
MSK
Room 11B/C
INTERACTIVE

Inflammatory arthritis
Chair: Dr Scott McDonald, Consultant MSK Radiologist, Cambridge University Hospitals NHS Foundation Trust
Imaging of peripheral arthritis - Professor Andoni Toms, Consultant Musculoskeletal Radiologist, Norfolk & Norwich University Hospital NHS Foundation Trust
Imaging of axial spondyloarthritis - diagnosis and complications - Dr Andrew Grainger, Consultant MSK Radiologist and Honorary Clinical Associate Professor, Leeds Teaching Hospitals NHS Trust

K3
Urology
Hall 1B

Imaging of prostate cancer
Chair: Dr Alison Bradley, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust
Multiparametric prostate MRI - how I do it - Dr Tristan Barrett, University Lecturer and Honorary NHS Consultant Radiologist, Addenbrooke's Hospital and University of Cambridge
Pitfalls of prostate mpMRI - Dr Steven Kennish, Consultant Uroradiologist, Sheffield Teaching Hospitals NHS Foundation Trust
Accreditation in prostate mpMRI - interactive debate - Dr Jonathan Richenberg, Chief of Service / Consultant Radiologist, Brighton and Sussex University Hospitals NHS Trust

K4
Informatics
Room 4

Personalised medicine - impact of patient-centric data to improve performance
Chair: Dr Rizwan Malik, Consultant Radiologist, Bolton NHS Foundation Trust
From ICA to AI - the future of healthcare for elite athletes - Damian Smith, Head of Information Technology, England and Wales Cricket Board
Who owns my data? Using my data to create IP - ethical considerations around data usage, ownership and commercialisation - Eleonora Harwich, Director of Research, Reform
How health apps are changing medicine - Chris Chapman, Digital Ecosystems Lead, Salford Royal NHS Foundation Trust

K5
Chest and lung
Room 3B

Interstitial lung disease - imaging update
Chair: Dr Nick Screaton, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust
Imaging for newer therapeutics of advanced emphysema - Dr Madava Djeerman, Consultant Cardiothoracic Radiologist and Clinical Services Lead for Imaging, University Hospitals Birmingham NHS Foundation Trust
IPF - an imaging update - Dr Arjun Nair, Consultant Radiologist, University College London Hospitals NHS Foundation Trust
Hypersensitivity pneumonitis - challenges and pearls - Dr John Reynolds, Consultant Radiologist and Director of Radiology, University Hospitals Birmingham NHS Foundation Trust

K6
Service optimisation
Room 12

Patient safety, inspection and managing turnaround times
Chair: Dr Giles Maskell, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust
CQC radiology review - radiology reporting challenges - Sarah Peters, Clinical Specialist Inspector IRMER, CQC
Findings from a national investigation into the communication and follow-up of unexpected significant findings - Melanie Ottewill, National investigator, Healthcare Safety Investigation Branch
Improving acute imaging reporting - better service for all - Speaker TBA, Guy's and St Thomas' NHS Foundation Trust
Panel discussion

K7
ASRT exchange prize
Room 13

ASRT exchange prize
Chair: Richard Evans, CEO, SCoR
The practice of empathy and encouraging its application in the radiologic setting - Paul Riley, Clinical Coordinator, Nuclear Medicine, Virginia Commonwealth University, USA

Morning sessions L

09:50-10:50

L1
Radiotherapy and oncology
Hall 1C

Adaptive therapies 2
Chair: Steve Blake, Head of Radiotherapy Physics, Bristol Haematology & Oncology Centre
Towards adaptive therapy in lung - progress and possibilities - Dr Sean Brown, Advanced Radiotherapy Technologies Network (ART-NET) Clinical Fellow, The Christie NHS Foundation Trust
Adaptive pathway - science and skills - Dr Helen McNair, Lead Research Radiographer and HEE/NIHR Senior Clinical Lecturer, The Royal Marsden NHS Foundation Trust and Institute of Cancer Research

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L2

MSK

Room 11B/C

Orthopaedic plain film

Chair: Dr Robin Proctor, Consultant Radiologist, University Hospitals of Morecambe Bay NHS Foundation Trust

Musculoskeletal XRs for primary care - Craig Anderson, Reporting Radiographer and Clinical Tutor, University Hospitals of Morecambe Bay NHS Foundation Trust and Senior Lecturer, University of Cumbria

Orthopaedic XRs - how to add value - Dr Harun Gupta, Consultant Musculoskeletal Radiologist, Leeds Teaching Hospitals NHS Trust

Post-op orthopaedic films - what to expect and what to say - Mr David Knowles, Consultant Orthopaedic Surgeon, University Hospitals of Morecambe Bay NHS Foundation Trust

L3

Urology

Hall 1B

INTERACTIVE

Imaging of urological emergencies and trauma

Chair: Dr Amit Patel, Consultant Diagnostic and Interventional Radiologist, East and North Herts NHS Trust

The infected and obstructed kidney - Dr Harry Bardgett, Consultant Interventional Uroradiologist, Bradford Teaching Hospitals NHS Foundation Trust

Genitourinary trauma - pearls and pitfalls - Dr Phil Haslam, Consultant Interventional and Uroradiologist, The Newcastle upon Tyne Hospitals NHS Foundation Trust

Penile and scrotal emergencies - Dr Jane Belfield, Consultant Radiologist, Royal Liverpool University Hospital NHS Trust

L4

Chest and lung

Room 3B

Imaging lung cancer - key to improving outcome

Chair: Dr Klaus Irion, Professor of Thoracic Imaging, The University of Manchester

Rapid diagnosis - optimal lung cancer pathway - making it happen - Dr Anna Sharman, Consultant Thoracic Radiologist, Manchester University NHS Foundation Trust

Lung cancer screening - an update and implications - Dr Anand Devaraj, Consultant Thoracic Radiologist, Royal Brompton and Harefield NHS Foundation Trust

Evaluating tumour response in the age of immunotherapy - Dr Rebecca Duerden, Consultant Thoracic Radiologist, Manchester University NHS Foundation Trust

L5

Research

Room 12

Research collaboration

Chair: Anne McKenna, Lead Research Radiographer, Gloucestershire Hospitals NHS Foundation Trust

Outcome of the AHP Champions In Research initiative - Dr Rachel Harris, Professional and Educational Manager and Research Lead, ScoR

Support 4 All - how collaboration between disciplines led to the development of a support bra for breast radiotherapy - Professor Heidi Probst, Professor of Radiotherapy and Oncology, Sheffield Hallam University

Bridging the gap - research collaboration between imaging and oncology professions - Dr Carole Burnett, Lead Research and Innovation Radiographer, Leeds Teaching Hospitals NHS Trust and Institute of Medical Research, University of Leeds

L6

**Proffered
papers**

Room 4



Best practice

Chair: Dr Nick Spencer, Consultant Radiologist, Mid Yorkshire Hospitals NHS Trust

Parathyroid isotope imaging: Best practice? - Dr Peter Strouhal, Consultant Radiologist, Royal Wolverhampton NHS Trust

Investigating occult malignancy in patients with unprovoked venous thromboembolism at a large teaching hospital: Changing practice - Dr Fiona McCurdie, Senior House Officer, London North West Healthcare Trust

Time to lego - re-thinking the radiology job plan - Sian Davies, Radiology ST3, University Hospitals Bristol NHS Foundation Trust

How readable are radiology reports? - Dr Georgiana Zamfir, ST4, Frimley Health Foundation Trust

Performance of Nigeria-trained radiographers in x-ray interpretation - Christopher Ohagwu, Lecturer, Nnamdi Azikiwe University Awka, Nigeria
002 BARRIERS to research utilisation amongst diagnostic radiographers in the UK - Prince Gyimah, Radiographer, Manchester University NHS Foundation Trust

L7

Dose

Exhibition
lecture
theatre 1



Patient dose surveys

Chair: Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA

Overview of national DRLs and surveys - Sue Edyvean, Medical (Radiation) Dosimetry Group Leader, Public Health England

The work of the IPEM paediatric patient dose working party - Mark Worrall, Principal Clinical Scientist, NHS Tayside

L8

**Imaging
technologies**

Room 13

FDG PET - is SUV a silly, useless value?

Chair: Dr Heather Williams, Principal Medical Physicist, The Christie NHS Foundation Trust

Uptake measures and the origins of SUV - Dr Peter Julyan, Consultant Clinical Scientist (Nuclear Medicine), The Christie NHS Foundation Trust

Current use of uptake measures, what do they add? - Dr Malene Fischer, Clinical Senior Lecturer & Honorary Consultant, King's College London

Beyond SUV - assessing the whole tumour with texture analysis - Dr Emiliano Spezi, Reader, School of Engineering, Cardiff University

10:30-11:30

Room 24

FRCR VIVA teaching tutorial

run by experienced FRCR tutors

10:50-11:45

Refreshments, exhibition, posters and education on the stands

Exhibition
hall theatre
11:00-11:30

Exhibition
lecture
theatre 1

GenesisCare

The role of the healthcare professional in delivering theranostics - Maryam Jessop, Chief Nuclear Medicine Technologist and Advanced Practitioner (Molecular Radiotherapies), Brighton & Sussex University Hospitals NHS Trust

CONGRESS PROGRAMME

Plenary

11:45-12:30

Plenary 3	"We choose to go to the moon" - space and humanity
Hall 1A	Dallas Campbell, Author, Broadcaster and Presenter (The Gadget Show, Bang Goes the Theory, The Sky at Night, Stargazing Live and The Science of Stupid)
	Chair: Dr Julian Kabala, President, UKIO
	Prize announcements

12:35-13:20

Society keynote lectures

Society key-note lectures	SCoR Stanley Melville lecture
Hall 1B	Leadership in radiography - lived experience
	Suzanne Rastrick, Chief Allied Health Professions Officer (England), NHS England

From 12:30-14:30

Lunch, exhibition, posters, demo zone and education on the stands

12:45-13:45
Room 24

FRCR VIVA teaching tutorial
run by experienced FRCR tutors

14:30

Exhibition closes

Afternoon sessions M

13:45-14:45

M1	Implementing new developments on the front line - a radiographer's perspective
Radiotherapy and oncology	Chair: Joanne Mitchell - Principal Radiographer - Research, Edinburgh Cancer Centre
Hall 1C	Research to practice - Merseyside - Louise Turtle, Research and Development Expert Practitioner, The Clatterbridge Cancer Centre NHS Foundation Trust
	Research to practice - Glasgow - Aileen Duffton, Lead Research Radiographer, The Beatson West of Scotland Cancer Centre

M2	Emergency imaging
Emergency and trauma	Chair: Dr Nirav Patel, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust
Room 11B/C	Imaging of head and neck emergencies - Dr Nada Nakhla, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust
	Imaging of emergencies in the younger child - Dr Jacqueline Du Toit, Consultant Paediatric Radiologist, St George's University Hospitals NHS Foundation Trust
	Current imaging concepts in acute pancreatitis - Dr Nirav Patel, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust

M3	Prostate MpMRI workshop
Urology OsiriX	Dr Amit Patel, Consultant Radiologist, East and North Hertfordshire NHS Trust, Dr Julian Keanie, Consultant Uroradiologist, Western General Hospital, Edinburgh and Dr Alison Bradley, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust
Room 11A	

M4	MPE optimisation masterclass
Room 4	Chair: Matthew Dunn, Head of Radiation Physics, Nottingham University Hospital NHS Trust
	Optimisation in interventional radiology - Andy Rogers, Lead Interventional MPE, Nottingham University Hospitals NHS Trust
	Computed tomography - Gareth Iball, Lead Clinical Scientist, Leeds Teaching Hospitals NHS Trust
	Digital radiography - Dr Craig Moore, Principal Clinical Scientist, RPW, MPE, Hull University Teaching Hospitals NHS Trust

M5	Imaging in pulmonary vascular disease
Chest and lung	Chair: Dr Nick Screaton, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust
Room 3B	Imaging suspected acute pulmonary embolism - an overview - Dr Smitha Rajaram, Consultant Radiologist, Sheffield Teaching Hospitals NHS Foundation Trust
	Pulmonary hypertension imaging - a structured approach - Dr Nick Screaton, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust
	Pulmonary vasculitis and diffuse pulmonary haemorrhage - Dr Sumit Karia, Consultant Radiologist, Cambridge University Hospitals NHS Foundation Trust

M6	Incidental findings
Research	Chair: Dr Fiona Mellor, Lecturer and Superintendent Radiographer, AECC University College
Room 12	Incidental findings in neonatal MRI research - Dr Christina Malamateniou, Postgraduate Programme Director for Radiography, City University of London
	Incidental findings in undergraduate and postgraduate research - Dr Andrew England, Senior Lecturer in Radiography, University of Salford
	The Intelligent Fetal Imaging and Diagnosis Project - experiences of US and MRI incidental findings in research - Jaqueline Matthew, Research Sonographer, King's College London / St Thomas' Hospital

M7	Artificial intelligence (AI)
Informatics	Chair: Dr Rizwan Malik, Consultant Radiologist, Bolton NHS Foundation Trust
Hall 1B	Natural language processing for the NHS - a horizon scan? - Speaker TBA
	AI in the NHS - how AI could help the NHS become more efficient - Eleonora Harwich, Director of Research, Reform
	Transferable learning from use of AI in other sectors - Dr Djamila Amimer, CEO and Founder, Mind Senses Global
	Panel Q&A

Afternoon sessions N

14:50-15:50

N1	Trivial to tricky - test your joints!
MSK	Plain film and cross-sectional radiological appearances of classical to challenging cases in musculoskeletal radiology - Dr Janani Pillai, Consultant Musculoskeletal Radiologist, London North West University Healthcare NHS Trust and Dr Leanne Singh, Consultant Radiologist, London North West University Healthcare NHS Trust
Room 3B	
INTERACTIVE	

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N2

Urology

Hall 1B

Novel techniques in urological imaging

Chair: Dr Jane Belfield, Consultant Radiologist, Royal Liverpool University Hospital NHS Trust

The evolving use of contrast enhanced ultrasound in urological imaging - Dr Dean Huang, Consultant Radiologist, King's College Hospital NHS Foundation Trust

Advanced MRI techniques in renal mass characterization - Dr Davide Prezzi, Consultant Radiologist, Guys and St Thomas' NHS Foundation Trust

Contentious issues in CT urography, today and beyond... - Dr Nigel Cowan, Consultant Radiologist, Portsmouth Hospital NHS Trust

N3

Chest and lung

Room 11A

OsiriX

Dr Arjun Nair, Consultant Radiologist, University College London Hospitals NHS Foundation Trust

N4

RPS

Hall 1C

RPS-IRMER17

Chair: Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA

Feedback from hospital trust inspections under IRMER17 - Holly Warriner, IR(ME)R Inspector, Care Quality Commission

IRMER17 inspections - a trust perspective - Eric Hughes, Diagnostics Divisional Manager, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Significant events early feedback - Rachael Ward, Inspection Manager IR(ME)R, Care Quality Commission

N5

Proffered papers

Room 12



Education

Chair: Martine Harris, Research Radiographer, The Mid Yorkshire Hospitals NHS Trust

Group coaching to support therapeutic radiography students during clinical placement - Joanne Harris, Education Lead for Therapeutic Radiography Students, Royal Surrey County Hospital NHS Foundation Trust

Exploring and understanding research pedagogy in radiography in a UK university - Louise McKnight, Senior Lecturer, Birmingham City University

Adopt and adapt: Undergraduate diagnostic radiography student responses to technology enhanced collaborative assessment using online wiki and verbal MS PowerPoint presentations - Iain MacDonald, Senior Lecturer, University of Cumbria

Compassionate patient care in diagnostic medical imaging - Jill Bleiker, PhD student, University of Exeter College of Medicine and Health

A pilot study investigating the effectiveness of a collaborative workshop between medical students and diagnostic radiography students on justifying radiology request forms to comply with IRMER legislation - Joanne Holmes, Radiographer and Clinical Educator, The Dudley Group NHS Foundation Trust

Personalised e-learning for MSc medical ultrasound students - Lyndsey Callion, Project Manager & Lead Instructional Designer, e-Learning for Healthcare and Shelly Smart, Senior Lecturer, Department of Medical & Sports Science, University of Cumbria



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